

TECHNICAL DATA SHEET

VOLCANIC ROOF SUBSTRATE V 1.1

intensive - lawn

Components:	Volcanic aggregate, natural porous aggregates, green waste compost, lignite, washed sand.	
Packaging:	Big bag (ok. 1m ³), loose	
Fire resistance class:	B _{Roof} (t1)	
Technical properties:	Content fraction below 0,063 mm:	3 - 15 % mass
	Content fraction 0,063 - 5 mm:	> 85% mass
	Total porosity:	> 50 %
	Maximum moisture capacity:	> 45 %
	Air capacity at maximum water capacity:	10 - 20 %
	Organic content:	< 90g/dm ³
	Water permeability mod. K _f :	0,3-30 mm/min
	Compaction factor:	≤ 30%
	Weight (dry):	800 - 950 kg/m ³
	Weight (saturated):	≤ 1550 kg/m ³
Chemical properties:	pH value in H ₂ O (1:2):	6 - 8
	EC value:	1 - 2
	Salt content (g NaCl/l):	<2,5

The above mentioned values are guidelines only, and have a production tolerance.

Official admission by decision nr P-737/18 by The Ministry of Agriculture and Rural Development of Poland.